



Powering a Greener Future in Education

How Smarta Energy Supports Schools, Colleges and Universities

A UK based digital energy consultancy with a mission to be at the forefront of innovation and sustainability for business energy consumers.

WELCOME MESSAGE



Kieran Dixon
Managing Director

Empowering Education through Smarter Energy implementations.

It is not a secret that educational institutions face mounting pressure from every direction. Schools, Colleges, Universities, and, more importantly, the people within those institutions, who work incredibly hard to ensure that the well-being of students is at the forefront of every action, need help.

Rising operational costs, ageing buildings, strict sustainability targets, and an increasing need to set positive environmental examples for young people, all while staying within tight budgets, it is exhausting.

At Smarta Energy, we believe that schools, colleges, and universities deserve tailored, supportive solutions to achieve a sustainable, efficient, and inspiring learning environment. Taking on one more task from an already overloaded schedule, educational institutions face.

With decades of combined experience in the energy and water sectors, we've helped educational institutions of every size reduce costs, cut emissions, and reinvest precious funds back into what matters most: students and staff.

Thank you for choosing Smarta Energy. Together, we can power a future that is both prosperous and sustainable.

Company Overview

At Smarta Energy, we approach every educational institute, no matter the size with the same methodology.

Smarta Energy is a UK-based digital energy consultancy business that supports commercial and public sector businesses to procure, understand and decarbonise their portfolios through data lead solutions.

We understand the challenges educational institutions face with the rising costs of utilities. We are dedicated to helping educational institutions achieve long-term energy savings while supporting their journey towards sustainability. With years of experience in the energy sector, thanks to our dynamic and dedicated team, we specialise in providing innovative, cost-effective solutions that reduce both energy costs and carbon emissions. Whether through energy procurement, efficiency audits, or renewable energy integration, our expert team is committed to empowering educational institutions with the tools they need to thrive in an increasingly eco-conscious world.

Our Mission

Our mission is simple: to provide smarter, sustainable energy solutions that drive profitability and environmental responsibility. By aligning our services with the goals of the educational institute, looking to reduce their environmental impact, we ensure a pathway towards a NetZero future.

Regardless of your utility challenge, our team of experts can provide you with the correct solution. We will relieve you of the burden of managing the many utility cost pressures currently confronting educational institutions across the UK. This means you can focus on running your school, college or University, and the pupils that populate your halls.

Our Vision

To revolutionise utility management for educational institutes, making it simpler, more efficient, and cost-effective. We believe in a future where managing your utility needs is no longer a complex challenge but a strategic advantage for your educational institute.

Together, we can embrace the future of utility management.



£285 million under contract management



95.5% Renewal Rate



Industry-leading trading strategy



Every tender has a renewable option



Funding for projects

Challenges

Understanding the challenges facing the educational sector

Educational institutions across the UK are facing mounting pressure on multiple fronts. Ageing infrastructure, limited funding, and ambitious sustainability targets set by the Department for Education are creating a complex environment for schools, academies, and colleges.

Many buildings are energy-inefficient, with outdated systems that lead to high utility bills, poor classroom conditions, and increasing maintenance costs.

At the same time, **leadership teams are being asked to do more with less**. Improve student outcomes, maintain staff wellbeing, and lead the way on environmental responsibility, all while balancing stretched budgets. Capital funding for energy efficiency projects is often scarce, and navigating the available support can feel overwhelming.

Challenges

- **Ageing infrastructure:** Many buildings were built before energy efficiency was a priority.
- **Funding restrictions:** Capital investment for improvements is difficult to secure.
- **Energy price volatility:** Utility bills rise unpredictably, straining budgets.
- **Sustainability commitments:** The DfE Sustainability and Climate Change Strategy sets strict net-zero targets.
- **Student well-being:** Comfortable environments directly impact concentration, attendance and academic success.



High Carbon Intensity: Approximately 60% of energy use in the UK education settings is associated with high carbon intensity fuels such as natural gas, coal and oil.

Potential for CO₂ reduction: Implementing energy efficiency measures in UK schools could prevent the release of 625,000 tonnes CO₂ annually.

Budgetary Impact: Increased energy costs have led to reductions in spending on teachers, teaching assistants, and essential schools services.



These challenges aren't just operational—they directly impact student learning, staff morale, and long-term sustainability. That's why innovative, accessible solutions are more critical than ever.

The stakes are high

But the right energy strategy can be transformational

How Smarta Energy Helps

We offer a full suite of services to help the education sector overcome these challenges in a realistic, flexible and financially viable way.

Energy Procurement – Buying Smarter for a Brighter Future

We know education budgets are stretched thin. Through competitive tendering and strategic procurement, Smarta Energy helps schools and colleges secure the best-value energy contracts, balancing price, sustainability goals and risk management. We act as your independent energy partner, not a broker tied to a single supplier, meaning we work for you.

Benefits to Education:

- Long-term budget stability
- Cost certainty to protect against market volatility
- Access to green energy tariffs for a lower carbon footprint



Energy Monitoring – Real-Time Insights for Smarter Decisions

Understanding your energy use is the first step to improving it. Our energy monitoring platform gives institutions full visibility over consumption trends, anomalies and opportunities for savings.

Benefits to Education:

- Identify inefficiencies instantly
- Optimise usage around building occupancy
- Support business cases for future funding applications with data-driven reporting



Bureau Services – Your Outsourced Energy Administration Team

Energy management can be complex. Our bureau service removes the administrative burden from your in-house teams – from validating utility bills to managing supplier disputes.

Benefits to Education:

- Save hundreds of hours of admin time
- Ensure your school only pays for what it uses
- Free your resources to focus on education delivery



The stakes are high

But the right energy strategy can be transformational

Solar Solutions – Investing in the Future of Learning

Solar PV offers schools a visible, impactful way to reduce energy costs and showcase a commitment to sustainability. We design, fund and manage solar projects tailored to your estate – often with no upfront capital required via our Renewable Rewards Fund.

Benefits to Education:

- Reduce energy costs by up to 60%
- Demonstrate environmental leadership to students, parents and Ofsted
- Support STEM learning opportunities through live energy data dashboards



Renewable Rewards Fund – Unlocking Capital for Sustainable Projects

One of our proudest innovations, the Renewable Rewards Fund allows schools to access interest-free funding to invest in energy-saving measures – without taking out a loan or using existing budgets.

Benefits to Education:

- Achieve Net-Zero goals without financial strain
- Replace ageing infrastructure: lighting, windows, boilers and more
- Improve indoor learning environments



Water Management – Reducing Costs and Wastage

Water costs can silently drain budgets. Smarta Water, part of the Smarta Utilities Group, will help identify inefficiencies, fix hidden leaks, and ensure you're on the correct tariff – all while supporting sustainability goals.

Benefits to Education:

- Cut costs on water bills
- Reduce environmental impact
- Meet sustainability targets across energy and water

Why This Matters

Real results, real schools, real people.

Every pound saved through smarter energy management can be reinvested into textbooks, technology, enrichment trips, and staff development.

Every tonne of carbon emissions reduced makes a cleaner, safer world for the students you teach today, and for the generations they will raise tomorrow.

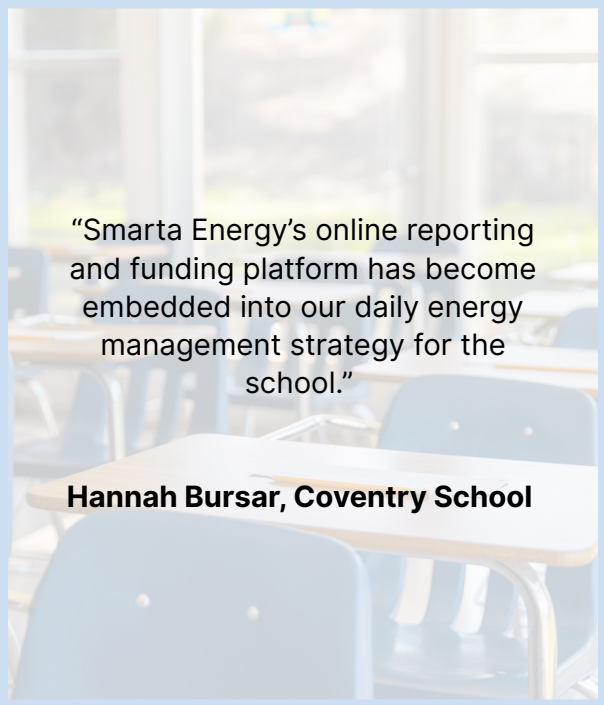
Partnering with Smarta Energy means making a tangible, immediate difference to the quality of education delivered across the UK.

Our Approach:

- **Empathy and understanding:** We know the pressures schools face
- **Tailored advice:** No *"one size fits all"*
- **Hands-on support:** Audits, funding applications, project delivery
- **Passion for sustainability:** It's at the heart of everything we do

Benefits to Education:

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- Improve indoor learning environments



"Smarta Energy's online reporting and funding platform has become embedded into our daily energy management strategy for the school."

Hannah Bursar, Coventry School

Renewable Rewards

Sustainability is a cornerstone of Smarta Energy, therefore the purpose of Renewable Rewards is simply to enable NetZero.

Educational institutions get left behind in the race to NetZero. If they don't have enough money, they are left in the dust.

Smarta Energy saw this discrepancy and developed [Renewable Rewards](#) to support any business, regardless of size or whether they were an existing client or not, to help them reach their NetZero goals.

The Renewable Rewards Fund is a **£25 million interest-free fund**, designed to remove financial barriers to sustainability for **public and private sector businesses**.

Unlike traditional funding models that require large upfront capital, this fund is **embedded into your energy contract**, so you pay it back interest-free over time.

No credit checks – no balance sheet liability – just a Smarta way to fund energy efficiency projects.

How does it work?

Step 1: Smarta Energy Identifies and qualifies an opportunity with a potential client.

Step 2: You sign a no-obligation document so we can conduct a free energy audit.

Step 3: We assess your energy usage and identify eligible projects.

Step 4: We source the best energy contract for you.

Step 5: We release the funding to the end user.

Step 6: We can help install solar panels, heat pumps, metering, and more through the Smarta Group's large energy services and functions.

Step 7: The funding is integrated into your energy bill over-time – interest-free.

Real Benefits

No upfront Costs

Make sustainability improvements without impacting cash flow.

Lower Energy Bills

Energy-efficient solutions reduce costs from day one.

Sustainability Impact

Cut carbon emissions and work toward NetZero goals.

Interest-free repayments

Unlike loans, this isn't debt – just a smarter way to fund projects.

Increased competitiveness

Many businesses are required to show sustainability initiatives to win contracts



Case Study

Cheltenham Town Football Club: How we identified £18,561 in potential savings

Overview

Similar to many football clubs and companies, Cheltenham Town Football Club found themselves struggling with rising energy costs and inefficient energy usage across their facilities. Like many sports organisations, the club had limited knowledge of the wholesale energy markets and needed expert guidance to streamline their long-term energy costs while adopting more sustainable practices.

They sought a partner to help them develop a comprehensive energy strategy to support both their current and future needs, including plans for an Electric Vehicle (EV) stadium installation and a sustainable energy strategy for their training ground. Smarta Energy was selected to provide a solution that would not only reduce costs but also align with the club's long-term vision for sustainability.

Our approach

Energy Audits: We performed detailed site audits to assess the club's energy use across all facilities, identifying inefficiencies and cost-saving opportunities.

Energy Strategy and Roadmap: Following the audit, we developed a comprehensive energy strategy and roadmap, detailing immediate energy savings steps and long-term sustainability goals, including plans for EV stadium installation and sustainable energy solutions for the training ground.



Results

Immediate cost savings: The club saw a 10% reduction in energy consumption within the first three months, resulting in substantial costs savings. The savings amounted to £18,561, which they reinvested into submetering solutions to further improve their energy efficiency.

Improved Energy Efficiency: The detailed energy audit and subsequent efficiency measures allowed the club to streamline its energy usage across all facilities, from the stadium to the training ground. This has resulted in optimised energy flow and a more predictable energy cost structure.



Brand Alignment: Through their association with Smarta Energy, Cheltenham Town FC has strengthened its brand as a leader in sustainability within the sports industry. Fans and stakeholders alike recognise the club's commitment to reducing its environmental impact while achieving financial sustainability.



Ready to take action?

Ready to Take the First Step for your educational Institute?

Get in touch with the team at Smarta Energy today.

We offer free, no-obligation energy health checks for educational institutions, with clear, tailored advice to help you start your sustainability journey.

Together, we can build a smarter, greener future for education — and for every young mind you inspire.

A photograph of a classroom scene. In the background, a female teacher with blonde hair is sitting and reading from a book to three young children. The children are seen from behind, sitting on white chairs. The child on the left is a boy with short brown hair wearing an orange t-shirt. The child in the middle is a girl with dark curly hair wearing a yellow shirt and denim overalls. The child on the right is a boy with dark curly hair wearing a light blue t-shirt. The teacher is holding a book with a large red letter 'B' on it. The room has large windows and a chalkboard in the background. There are some colorful decorations on the left side of the frame.

The Smarta Way to Energy Management

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